Northwestern Hawaiian Islands Coral Reef Ecosystem Reserve Advisory Council Reserve Coordinator's Report January 2006 - May 2006

Recent Reserve Advisory Council / Reserve Activities

Date	Meeting/Event	Participants	
January 21-22	Navigating Change Workshop – Lyman Museum, Hilo	Andy Collins, Hilo Reserve Staff	
January 25, 2006	Reserve 5 th Birthday Celebration	RAC members, NWHICRER family	
January 25-26, 2006	Reserve Advisory Council Meeting	RAC members, members of the public	
January 24-27, 2006	Marine Debris Conference	NOAA, NMSP, Reserve staff	
January 28, 2006	Presentation of the Edward Kaanaana Umi Kai Lifetime Achievement Award	Reserve staff, William Aila	
February 9-10, 2006	NWHI Presentation at the Hawaii Department of Education School Conference	Andy Collins, Reserve Staff	
February 4-28, 2006	"Archipelago, A Photographic Expedition Through the NWHI" presented by Susan Middleton – Maui Ocean Center	Members of the community, Reserve staff	
February 15-16, 2006	"Reconnecting with Ancestral Islands" talks by Native Hawaiian Program Coordinator, Kekuewa Kikiloi – Maui Ocean Center, Kalama Intermediate, and Kamehameha Schools Maui campus	Students, members of the community, Reserve staff	
February 17, 2006	Navigating Change Workshop, including a presentation by NH Program Coordinator Kekuewa Kikiloi - Hanapepe, Kaua'i	Members of the community, reserve staff,	
February 20-24, 2006	2006 Ocean Sciences Meeting – Hawai'i Convention Center	Linda Paul, Reserve staff	
March 6, 2006	NWHI Presentation at Waiau Elementary	Emily Fielding, Kekuewa Kikiloi, Hoku Johnson	
March 8 – April 15, 2006	"Archipelago, A Photographic Expedition Through the NWHI" presented by Susan Middleton – Kaua'i Community College Library	Members of the community, Reserve staff	
March 13-17, 2006	Western Pacific Fishery Management Council Meeting – Ala Moana Hotel	Buzzy Agard, members of the community, Reserve staff	
March 13-15, 2006	NOS Small Boat Policy Meeting	Randy Kosaki	
March 14, 2006	Premier of Jean-Michel Cousteau's movie, "Voyage to Kure" - Washington Place	RAC members, invited members of the community, Reserve staff.	

Recent Reserve Advisory Council / Reserve Activities (continued)

Date	Meeting/Event	Participants
March 21-22, 2006	Series of presentations on Native Hawaiian cultural history in the NWHI.	Students at University of Hawai'i at Hilo, Hawai'i Community College and Members of the Community
March 23, 2006	RAC Leadership Call	Tim Johns, William Aila, Linda Paul
March 24, 2006	Hawai'i Institute of Marine Biology (HIMB)/NWHICRER Quarterly Meeting	HIMB Staff, Reserve Staff
March 29, 2006	Panel discussion on the NWHI at the Hawai'i Executive Conference, Maunakea Beach Hotel	Reserve staff, Tim Johns
April 5, 2006	Meeting with Pacific Region Maritime Heritage Archeological Assistant Kelly Gleason and the Mark A. Robinson Trust on interest in Maritime Heritage history in the NWHI.	Kelly Gleason, Rhett Taber and Pete Hendricks
April 6, 2006	Hanauma Bay Presentation by Kekuewa Kikiloi: "Reconnecting with the Ancestral Islands: An exploration in the most remote part of the Hawaiian Archipelago"	Kekuewa Kikiloi, Laura Thompson, Andy Collins
April 7, 2006	Presentation on the cultural history of the NWHI to the UH Department of Native Hawaiian Health, John Burns School of Medicine	Kekuewa Kikiloi, UH students, faculty
April 10, 2006	Presentation on NWHI to UH Hilo Marine Science Department	Randy Kosaki, UH Students, faculty
April 13, 2006	RAC Leadership Call	Linda Paul, William Aila, 'Aulani Wilhelm, Hoku Johnson
April 13, 2006	Hanauma Bay Presentation on NWHI Proposed National Marine Sanctuary	Sean Corson, 'Aulani Wilhelm
April 20, 2006	Western Pacific Fishery Management Council Meeting and Public Hearing	Reserve Staff
April 20, 2006	Hanauma Bay Presentation by Dr. Alan Friedlander: "Life on the edge: How animals survive in the NWHI"	Members of the community
April 21, 2006	Mokupapapa Third Thursday by the Bay Lecture by Dr. Celia Smith: "Invasion of the reef snatchers where did our limu go?"	Members of the community, Reserve staff
April 21, 2006	Hilo Earth Day – NWHI Booth	Members of the community, Hilo Reserve staff
April 21, 2006	Molokai Earth Day – NWHI Booth	Members of the community, Emily Fielding, Kekuewa Kikiloi
April 22, 2006	Hawai'i Science Teachers Association (HaSTA) Spring Conference, UH Manoa	Teachers, Reserve staff
April 25-27, 2006	SAC National Chairs and Coordinator's Meeting	Tim Johns, Hoku Johnson
May 2-5, 2006	U.S. Coral Reef Task Force – Washington, DC	Athline Clark, Takiora Ingram, Malia Chow, Allen Tom

Sanctuary Designation

Sanctuary Designation remains the top priority of the Reserve. The designation process formally began on March 18, 2002 when the NMSP initiated a series of 10 public scoping meetings hosted in Hawai`i and Washington, D.C. The purpose of these meetings was to collect public comment regarding the possibility of a sanctuary in the NWHI. The designation process includes three major steps: the initial solicitation of public scoping and comment period under NEPA regarding the sanctuary proposal, identification and characterization of key management issues for the NWHI marine ecosystems, and the development of an EIS that includes a range of management alternatives for the region. ¹

Since January, designation activities have focused on completing the draft environmental impact statement and management plans; completing the 304(a)(5) fishing regulations process; and working with interagency partners on review of the documents, permitting, and the structure of future interagency coordination.

NOAA is finalizing the development of the Draft Environmental Impact Statement (DEIS) and is currently developing a recommendation for a preferred NOAA alternative. Under every proposed alternative there is a prohibition on the harvest of precious coral, crustaceans and coral reef species. We expect to have a DEIS issued for public review in the summer of 2006, a Final EIS published in December 2006, and final designation in early 2007. A brief timeline is as follows:

Current Timeline

Summer 2006 Public review and comment period

December 2006 FEIS published

Early 2007 Record of Decision issued

Highlights:

In the four months since the last report all of the documents related to sanctuary designation have been undergoing review within NOAA, the Department of Commerce, and our interagency partners. These documents include the draft management plan, draft environmental impact statement, and proposed rule (regulations). Much of this review has focused on ensuring consistency between these documents and among the mandates and requirements of relevant federal and state agencies. This review should be completed within the next month and followed by public hearings this summer.

3

¹ NOAA (2005). Reserve Operations, p. 133

Site Operations

The National Marine Sanctuary Program has been given the responsibility to establish infrastructure and administrative procedures to implement the operations of the Reserve. Such infrastructure and administration include establishing, operating and maintaining offices and other facilities, recruitment and hiring of staff, procuring and maintaining equipment and vehicles and establishing administrative policies and procedures. Without effective office administration and infrastructure, the Reserve would not be able to implement the directives, provisions, and conservation measures of the Executive Order. ²

In the past few months, the Reserve has focused on the need to increase the human resources capacity of the site to meet its growing needs. As the sanctuary designation process gears up for public comment in the summer and implementation in early 2007, it is essential that the staff resources meet the increasing demands. Since January 2006, the following staff have been hired.

Recent Hires:

- Linda Schubert: Linda was hired as Mokupapapa Discovery Center Manager in March. She has worked in museum education and management for over twelve years, including John G. Shedd Aquarium, Orlando Science Center, and the International Museum of Surgical Science. In the past few years Linda has taken time off from museums to run an experimental theater company and work her way around the world. Since she came to Hawai'i, she has worked at Hawai'i Volcanoes National Park and for the Hawai'i Wildlife Fund.
- Kaylene Keller: This is Kaylene's first week with the Reserve. She is the Reserve's first GIS specialist and will be working closely with all staff to assist them with utilizing GIS as a tool for information management and spatial visualization needs. Kaylene received her Ph.D. in ecology from the University of California at Davis and has most recently worked as a GIS supervisor for an environmental consulting firm in California. Kaylene is enthusiastic about working for the Reserve because she feels it is a "unique opportunity" to develop and grow a GIS program for such an exciting project.
- Kaleo Manuel: Kaleo was hired as a student intern in March, he is currently a senior, majoring in Hawaiian Studies at the University of Hawai'i. Kaleo has applied to graduate school at the University of Hawai'i's Department of Urban and Regional Planning. Kaleo is currently assisting Native Hawaiian Program Coordinator Kekuewa Kikiloi in research and RAC Coordinator Hoku Johnson in designation-related activities.
- Ann Mooney: Ann has been with the reserve for 2 weeks as the field logistics assistant to Randy Kosaki. She previously worked for NOAA Fisheries Marine Debris cleanup project with the coral reef ecosystems division in the Northwestern Hawaiian Islands. Ann applied to masters programs in Australia and New Zealand and hopes to begin classes in July.
- Marlene Nonaka: Marlene was hired as the new Administrative/Fiscal Assistant for the Reserve. This is her first day in the office. Marlene has previously worked for the Center on Disability Studies, College of Education at the University of Hawai'i, Manoa Campus, Datahouse Hawai'i and Time Warner Communications. Marlene will be assisting Moani and Stephanie in all Administrative and Fiscal functions in the Reserve Office.

² NOAA (2005) Reserve Operations p. 40

Field Operations

Given the remote nature of the NWHI Reserve and the need to implement effective management, research, education and enforcement strategies, it is necessary to conduct field activities in cooperation with other jurisdictional agencies, universities and other organizations.³

Since January, the Reserve has focused on preparing for the 2006 field season, working closely with the State of Hawai'i and the U.S. Fish and Wildlife Service to coordinate field season schedules and permit application reviews.

Highlights:

Reserve Participates in Marine Debris Program Workshop in Seattle

On January 24-27, 2006 the NOAA Marine Debris Program held a three-day workshop in Seattle to discuss the re-formed program and to strategize on projects and issues that the program should focus on. The first two days included participants from within NOAA as well as State and NGO representatives from across the country. Group discussions focused on determining priority actions to address four aspects of the marine debris issue – source identification and research, prevention and education/outreach, reduction through removal, and emergency response.

Planning Meeting for NWHI Vessel Grounding Contingency Workshop

A planning meeting was held with staff from the NOAA Office of Response and Restoration (ORR) in Seattle and staff from the NOAA Pacific Services Center to plan for an upcoming NWHI vessel grounding contingency workshop to be held in Honolulu in August of 2006. Responding to vessel groundings in the NWHI is logistically and financially challenging, and as recent groundings, such as the M/V Casitas have shown, it is important to have a thorough understanding of all the resources and assets that may be brought to bear on such a response. In August the Reserve and the Pacific Services Center will hold a workshop in Honolulu to develop a vessel grounding contingency plan for the NWHI.

Enforcement Planning for the NWHI Gains Momentum

Representatives from the Reserve and NOAA's Office of Law Enforcement (OLE) Pacific Region have been meeting to discuss possible areas of collaboration on a range of technology options for monitoring activities in the NWHI. This includes investigating new technologies such as RADARSAT, underwater acoustic arrays, satellite images and the exiting technologies such as VMS and AIS. These discussions are a direct follow up to the NWHI enforcement workshop held in 2004. As part of the effort, the Reserve is actively investigating archival data sets to understand the level of activities and where they occur in the NWHI. The Reserve is working closely with NOAA OLE to install vessel monitoring system (VMS) units on the NOAA Ship HI'IALAKAI for the 2006 field season.

5

³ NOAA (2005). Reserve Operations, p. 48.

2006 Reserve Permits Issued and Field Season Activities

Permits Issued - 2006				
Permit #	Who	What	When	Where
No Reserve permits issued to date				

Proposed NWHI Field Season Activities* - 2006				
Date	Title of Cruise	Vessel	Area	
5/8-23/06	Protected Species Division	Oscar Elton Sette	FFS, LAY, LIS, KUR, MID, PHR	
5/12-29/06	Marine Debris Cleanup	USCG Kukui	MARO	
5/18/06-6/11/06	Ecosystem Connectivity Cruise	Hiʻialakai	GP, NIH, FFS	
6/5/06-7/7/06	Lobster	Oscar Elton Sette	TBA	
6/5/06-7/7/06	Lobster Tagging	TBA	TBA	
6/23/06-7/19/06	Mapping/Maritime Heritage/Education	Hi'ialakai	NWHI	
7/17/06-8/3/06	Protected Species Division	Oscar Elton Sette	FFS, LAY, LIS, MID, KUR, PHR, FFS, NEC, NIH	
8/7/06-9/6/06	Lobster Tagging	TBA	TBA	
8/26/06-9/29/06	NWHI RAMP	Hiʻialakai	NWHI	
10/2-26/06	Census of Marine Life	Oscar Elton Sette	FFS or PHR	
10/23-27/06	Outreach-Education	Oscar Elton Sette	TBA	

Key: NIH – Nihoa Island; NEC – Necker Island; FFS – French Frigate Shoals; GP – Gardner Pinnacles; MARO – Maro Reef; LAY – Laysan Island; LIS – Lisianski Island; PHR – Pearl and Hermes Reef; MID – Midway Atoll; KUR – Kure Atoll

^{*} Note: Subject to change depending on permit application and review process.

Research & Monitoring

Executive Orders 13178 and 13196 (EO) direct the Secretary to support, promote, and coordinate appropriate scientific research and assessment, and long-term monitoring of the Reserve resources, and the impacts or threats thereto from human and other activities, to help better understand, protect, and conserve these resources and species for future generations. All research and monitoring activities by the Reserve will facilitate the implementation of the management principles of the Reserve.⁴

Highlights:

Hawaii Ocean Sciences Conference Poster Presentation on the NWHI

Sanctuary Designation Coordinator Emily Fielding, Research Coordinator Randy Kosaki, Policy Analyst Malia Chow and Pacific Region Marine Archeologist Hans Van Tilburg participated in the 2006 Hawai'i Ocean Sciences Conference held at the Hawai'i Convention Center on February 20-24, 2006. Fielding, Chow, Kosaki, and Van Tilburg each presented posters on the Northwestern Hawaiian Islands. The Conference was also attended by RAC vice Chair Linda Paul and U.S. Department of State RAC Representative Alexandra Curtis.

HIMB/Reserve Quarterly Meeting

The Hawai'i Institute of Marine Biology (HIMB) hosted the 3rd Quarterly Report Meeting on Coconut Island on March 24. This meeting provided an opportunity for HIMB scientists to provide oral presentations to Reserve research and management staff on research conducted to date under the HIMB/Reserve Research Partnership that began in May of 2005. The Reserve in turn presented an update on the sanctuary designation process and projected timeline and both short term and long term visions for research conducted in the NWHI.

Drafting of an Hawaiian Archipelago Ecosystem Research Plan

Reserve staff continue to participate in a series of multi-agency meetings aimed at drafting an archipelago-wide research plan. This multi-agency planning process is an extension of the Northwestern Hawaiian Islands Symposium held in November 2004. Currently, the drafting team is holding focus group meetings with local and regional scientific experts in order to propose, identify, and prioritize key projects that would improve insight into the biophysical processes of the archipelago. The ideas derived from these focus groups will comprise some core objectives of the research plan.

7

⁴ NOAA (2005). Reserve Operations, p. 94.

Education & Outreach

Education and Outreach initiatives will seek to provide the necessary information, training, and support to the public, educational institutions and specific stakeholder groups such that they will understand the existing rules, regulations and laws and the critical importance of protecting this area, as well as how they can align their actions to enhance and not diminish conservation of the region. A relatively small percentage of the general public are aware of the existence of the NWHI, their geographic location and relationship with the main Hawaiian Islands (MHI). Through education and outreach the public will have an increased understanding and awareness of the Reserve and become equipped with the knowledge they need to help protect it for the future as well as to obey existing laws.⁵

The Reserve education team has been busy planning events and developing outreach materials in preparation for the anticipated summer 2006 public hearing process, the ongoing Navigating Change program and the "Archipelago" project.

Highlights:

Reserve Celebrates Fifth Birthday

The Reserve celebrated its fifth birthday on January 25, commemorating its creation by Executive Order 13178 on December 4, 2000, and establishment by Executive Order 13196 on January 18, 2001. The "birthday party" — complete with a birthday cake — was held in the Reserve's office conference room. The program recalled the Reserve's early days, recognizing the contributions and hard work of many who enabled the Reserve to become what it is today, and looked ahead to the prospect of designation as a national marine sanctuary. The 120 Hawai'i-based guests in attendance included past and present Reserve Advisory Council members, interagency partners, NGOs, and a broad spectrum of constituent groups who have dedicated time and effort to shaping the future of the Northwestern Hawaiian islands. Speakers who played significant roles in the establishment of the reserve shared their memories and funny anecdotes of the early days and various guests toasted their warm wishes for the future of the Reserve.

Talks Highlight Native Hawaiian Cultural and Spiritual Significance of NWHI

On February 15 and 16, Reserve Native Hawaiian Coordinator Kekuewa Kikiloi presented a series of educational talks around the topic, "Reconnecting with Ancestral Islands." His presentations at the Maui Ocean Center and the local Maui schools focused on cultural research initiatives taking place in the NWHI to uncover the ancient Hawaiian past of these small remote islands, and efforts to protect the natural and cultural resources of the region.

Telepresence Pilot in Hawaii a Huge Success

Thanks to the dedicated efforts of National Marine Sanctuary Program Permit Coordinator David Bizot and his team, the telepresence demo conducted in Kaneohe Bay February 15, successfully demonstrated to everyone involved the exciting potential to expand awareness of the marine environment in classrooms wherever internet access is available. The pilot telepresence involved transmission over a high-speed internet connection of real-time streaming video images from a diver working underwater on coral reefs in Kaneohe Bay. Patty Miller from HIHWNMS ensured there was an educational component to the project by facilitating a real-time discussion between the diver and two groups of students in Moanalua High School. Teachers, principals, and students deemed the project a great success, with the potential to expand awareness of the marine environment in classrooms wherever internet access is available.

⁵ NOAA (2005). Reserve Operations, p. 53-54.

Hawaii Department of Education e-School Conference Held

Reserve Education Coordinator Andy Collins presented two sessions at the Hawai'i Department of Education e-School conference held at the Hawai'i Convention Center in Honolulu. The 9th annual conference has a focus on the use of technology in education. The presentation focused on NWHI sanctuary designation and how educators can be involved in the public process, and educational opportunities with the Reserve, particularly those that involve technology. Both presentations were well received and were significantly enhanced by participation of several educators who went on the Reserve's educator-at-sea voyage to the NWHI aboard the NOAA Ship HI'IALAKAI last year.

Navigating Change Teacher's Workshop on Kaua'i

The Navigating Change Education Partnership held a very special teacher workshop on the Island of Kaua'i last week. The workshop was hosted by last year's Educator-At-Sea expedition to the NWHI alumni Haunani Seward, and was attended by 17 teachers, their families, children and students. The teachers were from a school on Kaua'i attended by students from the island of Ni'ihau, a privately held island just west of Kaua'i, where the primary language spoken is Hawaiian and visitors are not allowed. The Navigating Change partnership, of which the Reserve is a founding member, introduced the teachers to the 4-5th grade Navigating Change Teacher's Guide, and demonstrated several lessons. In addition to the training on the guide, participants conducted a reef fish count via snorkel, learned how to do tide pool transects, and shared their experiences teaching environmental stewardship. A series of presentations were given during the evening, including a talk by Reserve Hawaiian Cultural Programs Coordinator Kekuewa Kikiloi on his research into Hawaiian cultural connections to the NWHI. Another Educator-At-Sea alumni David Boyton gave an exciting talk on his experience on the island of Nihoa, and a navigator in training for the Polynesian Voyaging Society, Ka'iulani Murphy finished up the late evening with a talk on celestial navigation. The workshop was held at Salt Pond Beach Park and not only was it the only place on the island where it was not raining that day, but an endangered Hawaiian monk seal was in attendance as well, though he spent most of the day sleeping on the beach, and paid little attention to the presentations. The 4-5th grade Navigating Change teacher's guide uses the Northwestern Hawaiian Islands as a baseline by which to compare the reefs and terrestrial environments of our main Hawaiian Islands. The guide then goes on to explore some of the threats to our natural resources, and how we can change our values and behaviors to be better stewards of our island environments. Navigating Change is a joint project of the NWHI Reserve, US Fish and Wildlife Service, University of Hawaii, Bishop Museum, Polynesian Voyaging Society, and the State of Hawaii, DLNR.

NWHI Presentation at Waiau Elementary's Peace and Awareness Day

Northwestern Hawaiian Islands Native Hawaiian Program Coordinator Kekuewa Kikiloi, Management Plan Specialist Emily Fielding and Reserve Advisory Council Coordinator Hoku Johnson gave multiple presentations to elementary school students at Waiau Elementary School's Peace and Awareness Day. Hoku and Emily presented a PowerPoint on the Northwestern Hawaiian Islands Coral Reef Ecosystem Reserve and the major threats facing the Reserve, including marine debris and ship groundings. Kekuewa gave a PowerPoint presentation and short video to Waiau's Hawaiian language immersion Elementary School about the cultural history of the region and the importance of lasting protection for the area.

Jean Michel Cousteau's film Voyage to Kure World Premier at Governor Linda Lingle's Historic Residence

The Reserve, in partnership with KHET and the State of Hawai'i, sponsored the world premier of Jean-Michele Cousteau's film Voyage to Kure on March 15th at Washington Place. The two-part film, which aired nationwide on April 5 and 12, features an ocean expedition by Jean-Michel Cousteau to the Northwestern Hawaiian Islands, exploring the unique and relatively unspoiled nature of the region. It is produced by Ocean Futures Society and the Public Broadcasting Station (PBS) affiliate KQED.

NWHI Presentations in Hilo, Hawai'i

Reserve Native Hawaiian Program Coordinator Kekuewa Kikiloi gave three presentations to the Hilo community on March 21-22. Kekuewa presented on the cultural history of the Northwestern Hawaiian Islands to Drew Kapp's Geography of Hawai'i classes at the University of Hawai'i at Hilo and Hawai'i Community College at the Mokupapapa Discovery Center located in Hilo historic waterfront area. Kekuewa also talked to the Keaholoa STEM Program's Native Hawaiian interns majoring in natural sciences at the U. H. Hilo campus. His final presentation was at Hawai'i Community College for Pua Kanahele's Hawaiian Lifestyles program.

Mokupapapa: Discovery Center for Hawai'i's Remote Coral Reefs Receives \$5,000 Grant
The Mokupapapa Discovery Center in Hilo wrote and received a \$5,000 grant from NOAA's Marine
Debris Program. The money will help Mokupapapa raise public awareness of marine debris issues in the
NWHI through exhibits and programs. The current marine debris exhibit will become three dimensional
with samples of marine debris being added to current displays, as well as showcasing plastic materials
ingested by foraging albatross. Most importantly, Mokupapapa will connect people to ways they can
make a difference including participating in beach clean-ups.

Calendar of Upcoming Events

Date	Event	Location
April 24-May 19, 2006	NWHI Exhibit presented by the Reserve, Susan	Molokai Public Library
June 1 – 30, 2006	Middleton and David Liittschwager: "Archipelago: Portraits of Life in the World's Most Remote Island	Kahilu Theater, Waimea (Big Island)
July 7 - 27, 2006	Sanctuary"	Wailoa Center, Hilo
May, 2006	Navigating Change Workshop	Kailua-Kona, Location TBA
May 8, 2006	RAC Meeting	NWHI Reserve Conference Room Hawai'i Kai
May 8, 2006	RAC Research Subcommittee Meeting	NWHI Reserve Conference Room Hawai'i Kai
May 19, 2006	Native Hawaiian Community Information Meeting	NWHI Reserve Conference Room Hawai'i Kai
May 20, 2006	RAC Native Hawaiian Working Group Meeting	NWHI Reserve Conference Room Hawai'i Kai
May 18 – June 11, 2006	Ecosystem Connectivity Cruise	NWHI, Johnston Atoll
June, 2006	Native Hawaiian Community Information meeting	Hilo, Location TBA
June 7-8, 2006	Conference on Ocean Literacy (CoOL)	Washington, DC
June 8, 2006	World Ocean's Day	
June 12-15, 2006	WPFMC Council Meeting	American Samoa
June 13-16, 2006	Capitol Hill Oceans Week	Washington, DC
June 14-15, 2006	Nautical Archeology Society workshop	NWHI Reserve Conference Room Hawai'i Kai
June 18-July 23, 2006	Mapping, Maritime Archeology & Education Cruise	NWHI
August, 2006	Emergency Response Planning Meeting	Honolulu, Location TBA
August 26 – September 29, 2006	NWHI RAMP Cruise	NWHI